

--RELATED PATENT DATA

This patent resulted from a continuation application of U.S. Patent Application Serial No. 09/717,477, filed November 20, 2000, entitled "Chemical Mechanical Polishing Process", naming Trung Tri Doan as inventor, the disclosure of which is incorporated by reference; which resulted from a divisional application of U.S. Patent Application Serial No. 09/389,536, filed September 2, 1999, entitled "Laser Pyrolysis Particle Forming Method and Particle Forming Method", naming Trung Tri Doan as inventor, now U.S. Patent No. 6,254,928 B1, the disclosure of which is incorporated by reference.--

In the Claims

Cancel claims 1-80.

Add new claims 81-94, as follows:

Claim 81 (new) A particle forming method comprising:

feeding a first set of precursors to a first energy application zone;

first applying energy to the first set of precursors in the first energy application zone effective to react and form solid particles from the first set of precursors;

ceasing application of any effective energy to the solid particles and feeding the solid particles and a second set of precursors to a second

energy application zone; and

second applying energy to the second set of precursors in the second energy application zone effective to react and form solid material about the solid particles from the second set of precursors.

Claim 82 (new) The method of claim 81 wherein the first and second applied energies are of a same type.

Claim 83 (new) The method of claim 81 wherein the first and second applied energies are different types.

Claim 84 (new) The method of claim 81 wherein at least one of the first and second applied energies comprises laser energy.

Claim 85 (new) The method of claim 81 wherein at least one of the first and second applied energies comprises a combustion flame.

Claim 86 (new) The method of claim 81 wherein at least one of the first and second applied energies comprises a plasma flame.

Claim 87 (new) The method of claim 81 wherein at least one of the first and second applied energies comprises photosynthesis.

Claim 88 (new) A particle forming method comprising:

providing a reaction flow path comprising a plurality of energy application zones;

feeding a first set of precursors to a first in sequence of the energy application zones along the reaction flow path;

applying energy to the first set of precursors in the first in sequence of the energy application zones effective to react and form solid particles from the first set of precursors;

feeding the solid particles and a second set of precursors to a subsequent in sequence of the energy application zones along the flow path;

and

applying energy to the subsequent in sequence of the energy application zones effective to react and form solid material about the solid particles from the second set of precursors.

Claim 89 (new) The method of claim 88 wherein the applied energies are of a same type.

Claim 90 (new) The method of claim 88 wherein the applied energies are different types.

Claim 91 (new) The method of claim 88 wherein at least one of the applied energies comprises laser energy.

Claim 92 (new) The method of claim 88 wherein at least one of the applied energies comprises a combustion flame.

Claim 93 (new) The method of claim 88 wherein at least one of the applied energies comprises a plasma flame.

Claim 94 (new) The method of claim 88 wherein at least one of the applied energies comprises photosynthesis.